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Doc Code: 3063.VIN

PTO/SB/80 (11-04)

Approved for use through 11/30/2005. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☒ Practitioners associated with the Customer

40256

OR

☐ Practitioner(s) named below (if more than ten practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☒ The address associated with Customer

40256

OR

☐ Firm or

Address

City

State

Zip

Country

Telephone

Fax

Assignee Name and Address:

Celanese International Corporation
1601 West LBJ Freeway
Dallas, Texas 75381
United States of America

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

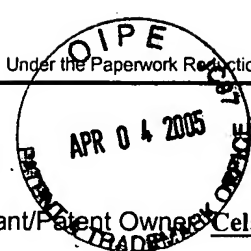
SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	3/30/2005
Name	James J. Mullen	Telephone	361-584-6221
Title	Assistant Secretary		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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PTO/SB/96 (06-04)
Approved for use through 07/31/2006. OMB 0651-0031
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Celanese International Corporation

Application No./Patent No.: 10/723,537

Filed/Issue Date: November 26, 2003

Entitled: Method of Producing Latex Bonded Nonwoven Fabric

Celanese International Corporation, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Paul Scott et al. To: Nat'l Starch & Chem. Investment Holding Corp.

The document was recorded in the United States Patent and Trademark Office at
Reel 015033, Frame 0894, or for which a copy thereof is attached.

2. From: Nat'l Starch & Chem. Investment Holding Corp To: Celanese International Corporation

The document was recorded in the United States Patent and Trademark Office at
Reel Not Avail., Frame Not Avail., or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document (s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

James J. Mullen

Signature

James J. Mullen

Printed or Typed Name

Assistant Secretary

Title

3/30/2005

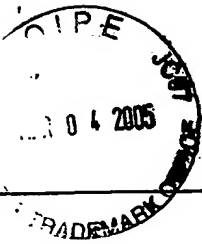
Date

361-584-6221

Telephone number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETE D FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



3063.VIN

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

AUGUST 26, 2004

PTAS



102687265A

NATIONAL STARCH AND CHEMICAL
CHARLES W. ALMER
10 FINDERNE AVENUE
BRIDGEWATER, NJ 08807-0500

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/04/2004

REEL/FRAME: 015033/0894
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 3063.VIN

ASSIGNOR:
SCOTT, PAUL

DOC DATE: 01/28/2004

ASSIGNOR:
KLUG, RALF

DOC DATE: 02/16/2004

ASSIGNEE:
NATIONAL STARCH AND CHEMICAL
INVESTMENT
1000 UNIQEMA BOULEVARD HOLDING
CORPORATION
NEW CASTLE, DELAWARE 19720

SERIAL NUMBER: 10723537

FILING DATE: 11/26/2003

PATENT NUMBER:

ISSUE DATE:

TITLE: METHOD OF PRODUCING LATEX BONDED NONWOVEN FABRIC

015033/0894 PAGE 2

LAZENA MARTIN, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

FORM PTO-1595
1-31-92

U.S. DEPT.
Patent
RECORD

03-08-2004



102687265

Docket No. 3063.VIN

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Paul Scott
Ralf Klug

Additional names(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Signature Execution Date(s): January 28, 2004
and February 16, 2004

2. Name and address of receiving party(ies):

Name: National Starch and Chemical Investment
Holding Corporation

Internal Address:

Street Address:

1000 Uniqema Boulevard
City: New Castle State: Delaware ZIP: 19720

Additional name(s) & address(es) attached?
☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed with a new application
the execution date of the application is:

A. Patent Application No.(s)

10/723,537 Filed November 26, 2003

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom
correspondence concerning documents should be
mailed:

Name: Charles W. Almer

Internal Address: National Starch and Chemical

Street Address: 10 Finderne Avenue

City: Bridgewater State: New Jersey

ZIP: 08807-0500

6. Total number of applications and patents
involved:

7. Total Fee (37 CFR 3,41)

\$ 40.00

☐ Enclosed

☒ Authorized to be charged to deposit
account

8. Deposit Account Number:

No. 14-0455

9. Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached
copy is a true copy of the original document.

Charles W. Almer, Reg. No. 36,731

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 5

ASSIGNMENT

WHEREAS, WE, PAUL SCOTT and RALF KLUG, citizens of Great Britain and Germany,
residing at:

68 Bradstock Road, Stoneleigh, Epsom, Surrey KT 17 2LQ, Great Britain

Venusberg 9 - 53797 Lohmar, Germany

respectively, have invented certain novel and useful improvements in:

METHOD OF PRODUCING LATEX BONDED NONWOVEN FABRIC

for which application for Letters Patent of the United States was made on November 26, 2003 as Serial
No. 10/723,537 and of which we are the true inventors; and

WHEREAS, National Starch and Chemical Investment Holding Corporation (a corporation of the
State of Delaware), 1000 Uniqema Boulevard, New Castle, Delaware 19720, are desirous of acquiring
the entire right, title and interest in and to said invention; application and Letters Patent to be obtained
therefore in the United States, and in all foreign countries;

NOW, THEREFORE, WE, PAUL SCOTT and RALF KLUG, in consideration of the sum of One
Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is
hereby acknowledged, have sold, assigned, transferred and set over, and by these presents do hereby
sell, assign, transfer and set over unto said National Starch and Chemical Investment Holding
Corporation, its successors and assigns, the entire and exclusive right, title and interest in and to said
invention described in the specification executed by us on even date herewith, preparatory to obtaining
Letters Patent of the United States therefor, and to said application, Letters Patent to be obtained for said
invention, and any and all reissues, divisions, extensions or continuations thereof, and to any Letters
Patent which may be applied for or granted for said invention in foreign countries, and the entire and

TRACY E. POOLMAN

exclusive right to have and claims the priority in all foreign countries pursuant to the provisions of the International Convention for the Protection of Industrial Property, based on said application including all rights to any accrued damages arising out of infringement during the time preceding and following grant of the Letters Patent and execution or recording of this assignment; and

WE HEREBY REQUEST the Director of the United States Patent and Trademark Office to issue said Letters Patent to said National Starch and Chemical Investment Holding Corporation, its successors and assigns as the assignee of our interest; and

WE HEREBY AGREE to execute any further papers necessary to secure said assignee in its full and complete enjoyment of its right to said invention, application, Letters Patent, reissues, divisions, extensions and continuations.

Respectfully submitted,

Date: 28th January 2004

PAUL SCOTT

Date: 16th February 2004

RALF KLUG

TRACY E. POOLMAN

NOTARY PUBLIC

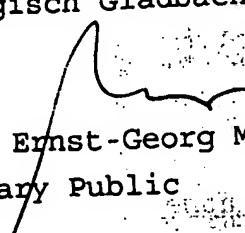
[Signature]

Roll of Documents No. 213/2004 M

I hereby certify that the document affixed and sealed hereto was subscribed in my presence by Mr. Ralf Klug, born on 28 December 1962, of Venusberg 9, 53797 Lohmar, Germany, personally known to me, and he duly acknowledged to me that he executed the same of his own free will and for the purposes therein set forth.

Bergisch Gladbach, 16 February 2004



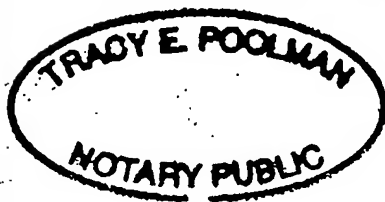

Dr. Ernst-Georg Mayer
Notary Public

EWENT SURREY

COUNTRY OF: ENGLAND)

SS:)

On this 25th day of January, 2004, before me personally appeared
identified to me by passport
PAUL SCOTT, ~~to me known and known to me~~ to be the person mentioned in and who executed the
foregoing Assignment, and he duly acknowledged to me that he executed the same of his own free will
and for the purposes therein set forth.



#57551

A handwritten signature of Trady E. Poolman in cursive script.

NOTARY PUBLIC



*** TX STATUS REPORT ***

AS OF MAR 02 2005 15:59 PAGE. 01

CELANESE LTD LEGAL

DATE TIME TO/FROM MODE MIN/SEC PGS JOB# STATUS
01 03/02 15:55 RightFax EC--S 03'02" 010 076 OK

Docket No.: 1257 et al.

FORM PTO-1586 (Modified) (Rev. 03-01) OMB No. 0551-0027 (exp. 5/31/2002) PDS/REV03		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
Tab settings: [arrows]					
To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): National Starch & Chemical Investment Holding Corporation			2. Name and address of receiving party(ies): Name: Celanese International Corporation Address: Attn: Bishop IP Legal Dept. 1601 West LBJ Freeway		
Additional names(s) of conveying party(ies) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			City: Dallas State/Prov.: TX Country: USA ZIP: 75234		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____			Additional name(s) & address(es) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Execution Date: February 4, 2005					
4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: _____					
Patent Application No.		Filing date		B. Patent No.(s)	
10/069,469	08/14/2002	4,957,806	5,026,765	5,240,982	
09/665,858	09/20/2000	5,087,487	5,208,285	5,399,617	
09/631,593	08/03/2000	5,177,122	5,565,062	5,239,088	
09/883,520	06/18/2001	5,981,627	5,064,888	5,252,663	
Additional numbers		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: M. Susan Spiering Registration No. 34,933 Address: c/o Celanese Ltd. IP Legal Dept., IZIP 701 City: Bishop State/Prov.: TX Country: USA ZIP: 78343			6. Total number of applications and patents involved: 66		
			7. Total fee (37 CFR 3.41):.....\$ 40.00 <input type="checkbox"/> Enclosed - Any excess or insufficiency should be credited or debited to deposit account <input checked="" type="checkbox"/> Authorized to be charged to deposit account		
			8. Deposit account number: 08-2454 (Attach duplicate copy of this page if paying by deposit account)		
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Irma G. Vavlerde <i>Irma G. Vavlerde</i> March 2, 2005 Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and 10					

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450, Alexandria, VA 22313-1450

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

PATENTS ONLY

Tab settings →

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

National Starch & Chemical Investment Holding Corporation

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: February 4, 2005

2. Name and address of receiving party(ies):

Name: Celanese International Corporation

Address: Attn: Bishop IP Legal Dept.

1601 West LBJ Freeway

City: Dallas State/Prov.: TX

Country: USA ZIP: 75234

Additional name(s) & address(es)

☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

Patent Application No.

Filing date

B. Patent No.(s)

10/069,469

08/14/2002

4,957,806

5,026,765

5,240,982

09/665,858

09/20/2000

5,087,487

5,208,285

5,399,617

09/631,593

08/03/2000

5,177,122

5,565,062

5,239,008

09/883,520

06/18/2001

5,981,627

5,064,888

5,252,663

Additional numbers

☒ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: M. Susan Spiering

Registration No. 34,933

Address: c/o Celanese Ltd.

IP Legal Dept., IZIP 701

City: Bishop State/Prov.: TX

Country: USA ZIP: 78343

6. Total number of applications and patents involved:

66

7. Total fee (37 CFR 3.41):.....\$ 40.00

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

8. Deposit account number:

08-2454

(Attach duplicate copy of this page if paying by deposit account)

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Irma G. Vavlerde

Name of Person Signing

Irma G. Vavlerde

Signature

March 2, 2005

Date

10

Total number of pages including cover sheet, attachments, and

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450, Alexandria, VA 22313-1450

Application number(s) or patent number(s): Continued from page 1

Patent Application No. Filing date

10/496,546	05/25/2004
10/327,331	12/20/2003
10/174,217	06/17/2002
10/152,359	05/20/2002
10/372,370	02/24/2003
10/417,752	04/15/2003
10/723,537	11/26/2003
10/875,849	06/24/2004

Patents

5,278,211	6,051,646
5,219,924	5,849,389
5,177,263	5,959,024
5,187,006	6,028,139
5,540,987	5,840,822
5,512,619	6,140,388
5,415,926	5,939,505
5,430,127	6,001,916
5,656,367	6,251,986
5,491,182	6,031,041
5,665,470	6,001,927
5,455,298	6,359,076
5,530,056	6,258,460
5,610,225	6,174,960
5,719,244	6,683,129
5,563,252	6,762,239
5,618,876	6,562,892
5,945,473	6,465,047
5,717,024	6,673,854
6,087,437	6,734,244
5,858,549	6,713,156

AGREED FORM OF PRO FORMA "ASSIGNMENT OF BUSINESS IP"

DEED OF ASSIGNMENT OF INTELLECTUAL PROPERTY

THIS DEED OF ASSIGNMENT OF INTELLECTUAL PROPERTY, dated as of February 4, 2005 ("Assignment") by **NATIONAL STARCH & CHEMICAL INVESTMENT HOLDING CORPORATION** ("Assignor") a company incorporated in Delaware whose registered office is at P.O. Box 7663, Wilmington, Delaware, USA 19803-7663 in favor of **CELANESE INTERNATIONAL CORPORATION** ("Assignee"), a company incorporated in Delaware with its principal place of business at 1601 West LBJ Freeway, Dallas, Texas, USA 75234-6034.

WHEREAS, by a master sale and purchase agreement dated November 23, 2004 and made between Ergon Investments UK Limited. ("Ergon") and the Assignee (the "Sale Agreement"), Ergon agreed to sell and transfer (or procure the sale and transfer of) certain assets and shares relating to its Vinamul Polymers business to the Purchaser, on the terms more particularly set out in the Sale Agreement. In the Sale Agreement, Ergon agreed to procure that Assignor enter into, and Assignee agreed to enter into, this Agreement for the purpose of transferring to Assignee the Business IP, including, but not limited to, applications and registrations listed on Appendices 1 and 2 attached hereto and the invention disclosures listed on Appendix 3 hereto. This is one of the "Assignment[s] of the Business IP" referred to in the Sale Agreement. Terms defined in the Sale Agreement shall have the same meaning when used in this Assignment.

NOW, THEREFORE Assignor does hereby assign, transfer, set over, and deliver to Assignee free and clear of all Encumbrances, licences and other similar rights such as options to obtain licences, other than the Business IP Contracts, all its right, title, and interest, in and to the Business IP, in all cases whether or not registered or registrable and including registrations and applications for registration or grant of any of the following and rights to apply for the same, and including all:

(i) patents, utility models, patent disclosures, (and all rights relating thereto including reissues, re-examinations, divisions, continuations, continuations-in-part, extensions or renewals), and all rights in inventions (whether captured in an invention disclosure or not), and in and to all rights in any of the foregoing provided by law, treaties or conventions including all original and reissued patents which have been or shall be issued on such inventions in the U.S. and all non-U.S. countries, including, without limitation, the right to apply for patent rights in each country and all rights to priority, and including all rights to sue and recover for past infringement of such patents, including patent applications, and the inventions disclosed therein. Assignor agrees that Assignee may apply for and receive Letters Patent for such inventions in Assignee's own name;

(ii) trade marks and service marks, certification marks, trade names, rights in trade dress, identifying symbols, logos or insignia, domain names, and all

goodwill associated therewith, but excluding all goodwill attaching to, and all rights under, the Excluded Trade Marks as defined in the Sale Agreement;

(iii) right in designs, copyrights, moral rights, intellectual property rights in all computer hardware, architectures, software, computer programs, source codes, object codes databases and compilations, and rights in all related documentation, topography rights, advertising rights, rights in databases, trade secrets and know-how, rights in discoveries, improvements, processes, formulas, and specifications;

(v) rights in Technical Information (as defined in the Sale Agreement);
and

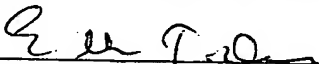
(vii) rights to sue at law or in equity for any past infringement or other impairment of any and all of the foregoing, including the right to receive all proceeds and damages therefrom, where applicable at law.

Assignor further agrees, without further consideration, to cause to be performed such lawful acts and to execute such further assignments and other lawful documents as Assignee may request to effectuate fully this Assignment and to enable this Assignment to be recorded in any and all jurisdictions throughout the world.

This Assignment shall be governed by and construed in accordance with English law.

IN WITNESS WHEREOF, the undersigned has caused this Assignment to be executed as a deed by the signature of its duly authorized officer as of the date above first written.

SIGNED AND DELIVERED as a deed

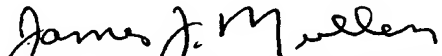
By: 

Name: Ellen T. Dec

Title: Secretary

For and on behalf of
National Starch and Chemical Investment
Holding Corporation
("ASSIGNOR")

Acknowledged and Accepted:

By: 

Name: JAMES J. MULLEN

Title: Asst. Sec.

For and on behalf of
Celanese International Corporation
("ASSIGNEE")

#63479

VINAMUL – National Starch & Chemical Investment Holding Corporation

APPENDIX I - (UNITED STATES) GRANTED PATENTS

(Page 1)

Patent No.	Grant Date	Title	Reference No.
4,957,806	09/18/1990	Heat Resistant Acrylic Binders For Nonwovens	1257
5,087,487	02/11/1992	Non-Thermoplastic Binders For Use In Processing Textile Articles	1320A
5,177,122	01/05/1993	Epoxy Modified Core-Shell Latices	1330A
5,981,627	11/09/1999	Epoxy Modified Core-Shell Latices	1330B
5,026,765	06/25/1991	Emulsion Binder For Carpet And Carpet Tiles	1343
5,208,285	05/04/1993	Vinyl Acetate Polymer With Wet Adhesion	1354A
5,565,062	10/15/1996	Eva Polymers For Use As Beater Saturants	1361
5,064,888	11/12/1991	Amphoteric Surfactants And Copolymerizable Amphoteric Surfactants For Use In Latex Paints	1366
5,240,982	08/31/1993	Amphoteric Surfactants And Copolymerizable Amphoteric Surfactants For Use In Latex Paints	1366D
5,399,617	03/21/1995	Thermoplastic, Aqueous Latex Paints Having Improved Wet Adhesion And Freeze-Thaw Stability	1366DDA1
5,239,008	08/24/1993	Graft Polymerization Process Using Microfluidization In An Aqueous Emulsion System	1387
5,252,663	10/12/1993	Formaldehyde-Free Crosslinking Emulsion Polymer Systems Based On Vinyl Ester Dialkoxyhydroxethyl Acrylamide Co-And Terpolymers	1392
5,278,211	01/11/1994	Formaldehyde-Free Crosslinking Emulsion Polymer Systems Based On Vinyl Ester Dialkoxyhydroxethyl Acrylamide Co-And Terpolymers	1392D-2
5,219,924	06/15/1993	A Process For The Production Of Paper Coating Binders	1396
5,177,263	01/05/1993	N-Allyl-N-Dialkoxyethyl Amide Or Amine Monomers	1398
5,187,006	02/16/1993	N-Allyl-N-Dialkoxyethyl Amide Or Amine Monomers	1398D
5,540,987	07/30/1996	Emulsion Binders Containing Low Residual Formaldehyde And Having Improved Tensile Strength	1440A
5,512,619	04/30/1996	Dissipative Coating And Curing Compositon For Concrete	1448A

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APPENDIX I - (UNITED STATES) GRANTED PATENTS

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Patent No.	Grant Date	Title	Reference No.
5,415,926	05/16/1995	Process For Reducing The Free Aldehyde Contents In N-Alkylol Amide Monomers	1452
5,430,127	07/04/1995	Process For Minimizing Residual Monomers	1484
5,656,367	08/12/1997	Poly (Hydroxybutyrate/Hydroxyvalerate Copolymers For Fiber Bonding	1506
5,491,182	02/13/1996	Glass Fiber Sizing Compositions And Methods Of Making Same	1512
5,665,470	09/09/1997	Glass Fibers And Fiber-Reinforced Plastics	1512D
5,455,298	10/03/1995	Latex Polymers For Pigmented Coatings Prepared In The Presence Of Acetoacetate Moiety	1514
5,530,056	06/25/1996	Latex Binders And Paints Which Are Free Of Volatile Coalescents And Freeze-Thaw Additives	1563
5,610,225	03/11/1997	Latex Binders And Paints Which Are Free Of Volatile Coalescents And Freeze-Thaw Additives	1575
5,719,244	02/17/1998	Latex Binders And Coatings Containing Polymers Derived From Polymerizable Saccharide Monomers	1576A
5,563,252	10/08/1996	Polymerizable Saccharide Monomers Which Contain A Single Polymerizable, Alpha-Methyl Styrl Moiety	1577
5,618,876	04/08/1997	Latex Binders And Coatings Containing Polymers Derived From Polymerizable Saccharide Monomers	1587
5,945,473	08/31/1999	Modified Aqueous Polyurethane Dispersions And Methods For Making Same	1596A1
5,717,024	02/10/1998	Process For Making Aqueous Polyurethane Dispersions	1616
6,087,437	07/11/2000	Ethylene/Vinyl Acetate Latex Binders And Paints Which Are Free Of Volatile Coalescents And Freeze-Thaw Additives	1632
5,858,549	01/12/1999	(Hydroxyalkyl) Urea Crosslinking Agents	1647
6,051,646	04/18/2000	(Hydroxyalkyl) Urea Crosslinking Agents	1647A
5,849,389	12/15/1998	Carpet Coating Compositions	1658
5,959,024	09/28/1999	Acrylic Latex Binders Prepared With Saccharide Stabilizers	1671
6,028,139	02/22/2000	Ethylene/Vinyl Acetate Latex Binders And Paints Prepared With Surface-Active Initiators	1673
5,840,822	11/24/1998	Mono (Hydroxyalkyl) Urea And Oxazolidone Crosslinking Agents	1679
6,140,388	10/31/2000	Mono (Hydroxyalkyl) Urea And Oxazolidone Crosslinking Agents	1679A
5,939,505	08/17/1999	High Solids Ethylene Vinyl Acetate Emulsions	1700
6,001,916	12/14/1999	Ultra High Solids Vinyl Acetate-Ethylene And Vinyl Acetate Homopolymer Emulsions	1701A

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APPENDIX I - (UNITED STATES) GRANTED PATENTS

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Patent No.	Grant Date	Title	Reference No.
6,251,986	06/26/2001	Paint Emulsion Having Weatherability	1705
6,031,041	02/29/2000	Polyurethane Hybrid Dispersions And Coatings Having Increased Wet Adhesion And Solvent Resistance	1723
6,001,927	12/14/1999	Thixotropic Paint Compositions Containing Hydrophobic Starch Derivatives	1776
6,359,076	03/19/2002	Crosslinkable Carpet-Back Coating With Hydroxy-Functionalized Vinyl Acetate Emulsion Polymers	1784
6,258,460	07/10/2001	Coating Compositions Prepared With A Sterically Hindered Alkoxylated Silane	1799
6,174,960	01/16/2001	Coating Compositions Prepared With An Acrylic Modified Ethylene-Vinyl Acetate Polymer	1802
6,683,129	01/27/2004	Salt Sensitive Aqueous Emulsions	1872
6,762,239	07/11/2004	High Functionalized Ethylene-Vinyl Acetate Emulsion Polymers	1914
6,562,892	05/13/2003	Highly Functional Polymer Latex	1926.VIN
6,465,047	10/15/2002	Precision Polymer Dispersion Application By Airless Spray	1954.VIN
6,673,854	01/06/2004	Acetate/Ethylene Emulsion Stabilized With A Phosphate Surfactant	1968.VIN
6,734,244	05/11/2004	Coating Composition For Inkjet Applications	2041.VIN
6,713,156	03/30/2004	Polymer-Treated Abrasive Substrate	3018.VIN

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APPENDIX II - (UNITED STATES) APPLICATION NUMBERS AND FILING DATES
 (Page 1)

Application No.	Filing Date	Title	Reference No.
10/069,469	08/12/2002	Polymer Dispersion Comprising Particles Of Polyurethane And A Copolymer Or Terpolymer Produced By Emulsion	1876
09/665,858	09/20/2000	Mono (Hydroxyalkyl) Urea And Polysaccharide Crosslinking Systems	1882
09/631,593	08/03/2000	Process For Providing An Anti-Slip Treatment	1884
09/883,520	06/18/2001	Water Dispersible, Salt-Sensitive Nonwoven Materials	1931.VIN
10/496,546	05/25/2004	Crosslinkable Cationic Emulsion Binders	1983.VIN
10/327,331	12/20/2003	Binder For High Wet-Strength Substrates	1998.VIN
10/174,217	06/17/2002	Method For Predicting Adhesive Interactions Using Molecular Modeling	2009.VIN
10/152,359	05/20/2002	Cationic Coating For Printable Surfaces	2032.VIN
10/372,370	02/24/2003	Glass Sizing Composition	2078.VIN
10/417,752	04/15/2003	High Opacity Nonwoven Binder Compositions	2099.VIN
10/723,537	11/26/2003	Method Of Producing Latex-Bonded Nonwoven Fabric	3063.VIN
10/875,849	06/24/2004	Carpet Coating Compositions	3104.VIN

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Appendix 3 Invention Disclosures CONFIDENTIAL

Docket No. -----	Status -----	App No. -----	App Date -----	Attorney -----	
01-25	D			CWA	INVENTORS: EKNOLAN PARSONS PAULS, S.
HYDROPHOBIC COATING					
01-26	D			CWA	INVENTORS: SARMOUK
OVERPOLYMERISED POLYURETHANE DISPERSIONS FOR GLASS FIBRE SIZES					
PEARCE, KATHARINE					
MCLENNAN					
01-82	D			CWA	INVENTORS: PAULS, S. FARWAHA
THERMOSETTING SALT SENSITIVE LATEX POLYMERS					
02-65	D			CWA	INVENTORS: FARWAHA PAULS, S.
LOW TEMPERATURE CURE BINDER SYSTEMS					
02-74	D			CWA	INVENTORS: FARWAHA
NEAR INFRARED CURE LATEX SYSTEMS FOR NON-WOVEN AND TEXTILES					
GONG, LIE-ZHONG					
PAULS, S.					
02-79	D			CWA	INVENTORS: FARWAHA WALKER, BARCOMB
CATIONIC CROSSLINKABLE EVA BINDERS FOR NON-WOVENS					
JAMES					
03-29	D			CWA	INVENTORS: BARCOMB PARSONS SCOTT, PAUL
IMPROVING BINDER PERFORMANCE EFFICIENCY VIA DROPLET SIZE OPTIMIZATION					
05-04	D			CWA	INVENTORS: LUNSFORD DRESSENDORFER FARWAHA DAVIS
HIGHLY CROSSLINKED POLYVINYLACETATE FOR NONWOVENS AND TEXTILES					
05-05	D			CWA	INVENTORS: FARWAHA PAULS MUMICK
SALT-TRIGGERABLE POLYMER					

CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)

Applicant(s): Paul Scott et al.

Docket No.

3063.VIN (EM-05-13)

Application No.

10/723,537

Filing Date

November 26, 2003

Examiner

UNKNOWN

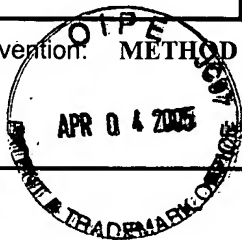
Customer No.

40256

Group Art Unit

1731

Invention: METHOD OF PRODUCING LATEX BONDED NONWOVEN FABRIC



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